



Application and Instruction Manual

Motion Activated

Solar Powered LED Security Light

with Camera

MODEL: XP-2H38WC



Please do not return this item to the store. If you have any questions, please contact Apex Digital directly (866.427.3946 or visit www.apexdigitalinc.com)

Introduction

Thank you for purchasing the Coleman solar powered security light (XP-2H38WC) with built-in wireless camera and microphone. This solar security light will allow you to illuminate and monitor activities in real time from locations up to 100 ft. from the included receiver. Because the unit is solar powered there is no need for an AC power outlet: simply place the unit where security lighting is needed. You will need to locate an area within 15 ft. of the unit with unobstructed sunlight (usually on the roof) to place the included solar panel. Plug the panel into the solar security unit and that's it. This product harvests clean energy from the sun that is converted into electricity.

When motion is detected, the unit will broadcast a video and audio signal to the included receiver. An audible beep at the receiver will let you know that motion has been detected. The receiver can be plugged into any monitoring device (TV, Computer, or Monitor) with the enclosed connecting cables and view and hear in real time what has activated your solar security light. The unit has a photocell that activates the LED lights for nighttime monitoring.

Important Safety Information

- Do not expose the light to fire or intense heat.
- Do not dispose of battery in fire.
- Do not immerse in water.
- Never look directly into the light or shine in another person's eyes.
- Do not dispose of the rechargeable battery in a regular waste system, waterway, stream or any other body of water.
- Preserve the environment by disposing battery in accordance with local, state and federal regulations
- Consult your local construction safety guidelines for installing the light fixture on a building.
- Only use batteries from XEPA TECHNOLOGIES to ensure compatibility. (Refer to the product's original battery for correct size.)
- The battery should be positioned so it has the correct polarity (+) and (-).

What's Inside the Package

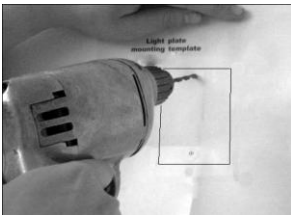
- LED XP-2H38WC solar security light w/ Camera
- Mounting Screws
- Mounting Template
- Solar charging panel with 15' Cable
- Receiver
- A/C Adapter (Receiver)
- Audio/Video connecting cables
- Owner/Installation Manual

Features

- High efficiency, rechargeable Lithium battery.
- Detects motion at over 30 ft.
- Lithium-ion battery emits zero pollution, protecting the environment.
- High brightness illumination.
- Wireless broadcast of audio and video to a remote monitoring source.

Installation

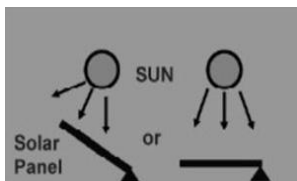
- The XP-2H38WC light fixture should be installed on a flat and stable surface: the higher the installation the larger the area of illumination.
- Avoid installing the light near an air conditioner, heater, or high voltage system as quick changes in temperature may cause the motion detection system to produce false triggers and illuminate the light needlessly.
- Avoid positioning the motion sensor head towards street traffic or anywhere other movements may trigger the light needlessly and drain the battery prematurely.
- The solar panel should be installed facing the sky (typically on the roof) with maximum sun exposure. Try to avoid areas of shade keeping in mind that obstacles will cast shadows at different times during the day or seasons.
- Use a soft damp cloth to periodically clean the solar panel from accumulated dust or snow. This will help preserve the life of the battery and maximize charging efficiency.



- 1) Use the enclosed mounting template to locate and mark mounting holes. Using a 1/4" drill, drill two holes in the marked spots. Gently tap the mounting anchors into drilled holes. Secure screws into mounting anchors leaving approx. 1/8" of screw exposed.



- 2) Place the light over the screws.



- 3) Find a location for the solar panel that receives direct sunlight for a minimum of 4-6 hours a day and within 15' of where the solar light will be installed.



- 4) Place the solar panel in desired location and secure with screws.



- 5) Completely insert the cable plug from the solar panel into the INPUT hole located at the bottom of the light.



- 6) Adjust the motion detection sensor and camera towards the desired coverage area.

Functions & Adjustments

- OFF: No illumination; no camera. Product will be completely off.
- AUTO: Initial 5 minutes is testing mode. The lamp and camera turn on when the switch is in Auto mode, the light and camera will operate in test mode when motion is detected. After initial 5 minutes test mode, the light and camera will only work at night when the motion detector is activated.
- ON: In this mode, LED lamps will always be on. If no infrared signal is detected, camera will turn off.
- When the wireless receiver receives a signal, a buzzer will emit a warning (Beep) and the indicator light will flash alerting you that someone or something has triggered the motion sensor. Switch your monitoring device on to see what has activated your unit. You can press the "ON" button on the receiver to stop buzzer. The indicator light will continue flashing. To temporarily disable the buzzer, press and hold the buzzer switch for approx. 2 seconds. Future triggers will not emit a beep.

Recharge

- Plug in the solar panel charger, and the battery will charge whether the switch is set to the OFF, ON or AUTO positions.
- You can also charge the light with an approved power adapter (9V, 1A AC adapter (not supplied)).

Warning: Only Xepa Technology rechargeable batteries should be used!

Wireless Receiver



Wireless Receiver Instructions

- Use AV cable supplied to connect to TV/Monitor
- Insert the 12V AC power adaptor into the power jack on the receiver, power it on.
- Antenna: Adjust if necessary to get a clear picture.
- Power/Buzzer Switch:
 - When the light detects movement, the receiver will emit a detection buzz informing you that something has activated the motion detector on the unit.
 - To turn off the warning signal, hold the power/buzzer switch on the receiver until a long beep is heard. The warning signal is now off.
 - To turn the warning signal back on, hold the receiver button until a long beep is heard. The warning signal is now on.
- Status indicator light: The indicator light on the receiver will flash automatically when the receiver picks up movement. When no movement is present, the light will turn off.

NOTES: This item is a wireless product, and may be affected by radio Interference that could cause the warning signal or status indicator lamp to turns off. To avoid this, please use in an area away from other electronics.

Troubleshooting Guide

Symptom	Possible Solution
The light will not illuminate	• In AUTO mode, light illuminates only when motion is detected when it is dark. • Make sure solar panel plug is fully inserted. • In ON mode, light illuminates until battery is drained. • Make certain the battery plug is connected inside the battery compartment. • Battery energy is low; set switch to OFF or AUTO mode and allow solar panel to absorb direct sunlight for 2+ days in order to recharge battery fully
The light provides less than 5 hours of continuous illumination in AUTO mode	• Battery is at less than 100% full charge; switch to OFF mode and allow solar panel to absorb direct sunlight for two days in order to recharge.
Motion is not detected within the coverage area	• Avoid installing the light near air conditioner, central heater, or hot air flow. • Check the motion sensor lens for dust or damage.
The battery does not fully charge	• While in AUTO mode, if there is frequent activity from dusk to dawn or continuous overcast days, the solar panel may not convert sufficient ambient daylight to recharge the battery sufficiently. • Reposition solar panel to receive more sunlight. • Clean dust and debris from solar panel. • Make sure the solar panel cable is not damaged.
The light stays on continuously while in AUTO mode	• Check the motion detector sensor head to ensure that it is not directed towards street traffic or where other movements may trigger the light needlessly.
The lights on the receiver do not work	• Check the motion detector sensor head to ensure that it is not directed towards street traffic or where other movements may trigger the light needlessly.

There is not a picture on the monitor or the picture is not clear and has a lot of noise

- Please check and ensure that the power supply is working
- The distance between the receiver and the transmitter should not exceed 50-100 meters.
- There is not an obstacle between the two devices (a steel building, for example)
- The antenna of the receiver must be far from copper, iron, walkie-talkie's, radios and so on

Specifications

Rechargeable Battery: 3.7V/2200mAh/Li-ion battery (2pcs)

Solar Charging Panel: 10V/2.5W Monocrystalline

Continuous Illumination Time: >5 hours

Complies with FCC Part 15 Class B & C

Emission frequency: 902~928MHz

Color temperature: 6000K~7000K

Motion distance: >10m

Motion range:160°

Resolution: 320Line

Switch mode: OFF-AUTO-ON

Receiver power supply: DC12V

Receiver sensitivity:≤-85dBm

Mode: NTSC

LED: 38pcs of super brightness LED

Product size: Lamp: 230mm X125 mm X195mm

Solar panel: 180 mm X150 mmX15mm

Receiver: 91 mmX45 mmX120mm

FCC Part 15 Class B & C

CAUTION: Modifications are not approved by the party responsible for compliance and could void user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. The user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Product Warranty & Support Information

For customer support call (866) 427-3946 or visit www.apexdigitalinc.com.

This product comes with a limited warranty of 1 year from the day of purchase. (Proof of the date of purchase must be provided if the product is returned.) If the product is found to be defective in material or workmanship, APEX will replace the defective part(s). If any of the product parts are found to be missing, please contact APEX within ten (10) days of purchase.

XEPA TECHNOLOGIES by

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